| Index of | Claims |
|----------|--------|
|          |        |

| Applica | ition | No. |
|---------|-------|-----|

10/679,182 Examiner EISELE ET AL.

Applicant(s)

\_\_\_\_

Kevin D. Williams

2854

√ Rejected
= Allowed

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
|   | Destricted                     |

| N | Non-Elected  |
|---|--------------|
| - | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| CI           | aim      | Date     |          |          |          | ]        | Cla      |          | Date     |          |   |          |          |          |                                     | Cli      | aim      | Date     |   |          |                    |          |          |          |            |          |          |          |          |          |            |          |          |           |
|--------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|---|----------|----------|----------|-------------------------------------|----------|----------|----------|---|----------|--------------------|----------|----------|----------|------------|----------|----------|----------|----------|----------|------------|----------|----------|-----------|
| Final        | Original | 800      |          |          |          |          |          |          |          |          |   | Final    | Original |          |                                     |          |          |          |   |          |                    |          |          | Final    | Original   |          |          |          |          |          |            |          |          |           |
|              | Q        | V        |          |          |          | T        | T        | +        | 1        | T        | 1 |          | 51       | $\vdash$ |                                     | Н        |          | Н        | ┪   | 7        | $\dashv$           | 1        |          |          | 101        | ┢        | Н        | H        | -        | ┝        | ┝          | ┢        | ┢        | Н         |
|              |          | 1        |          |          | Ι        | Π        | Τ        | Ι        | I        |          | ] |          | 52       |          |                                     |          |          |          | $\neg$  | 寸        | 寸                  |          | 1        |          | 102        |          |          | Т        | Г        |          |            | Т        | ┌        | П         |
|              | 3        | V        |          | Ĺ        | L        |          |          | $\perp$  | $\Gamma$ |          | ] |          | 53       |          |                                     |          |          |          |   |          |                    |          | Ī        |          | 103        |          |          |          |          |          | Г          |          | $\vdash$ | П         |
|              | 4        | V        |          | L        | L        |          | $\perp$  | 1        |          |          |   |          | 54       |          |                                     |          |          |          |   |          |                    |          | -[       |          | 104        |          |          |          |          |          |            |          |          | П         |
| <u> </u>     | 8        | 0        |          | _        | 1_       | ↓_       | ╀        | ┸        | ╄        | 1_       | Į |          | 55       | L        | Ш                                   | <u> </u> | Щ        |          | _   | _        | _                  | _        | J        | `        | 105        |          |          |          |          |          |            |          |          |           |
| <u></u>      | 6        | 0        |          | ┡        | ╀        | ╀        | ╀        | 4        | 4        | 1        |   | Щ        | 56       | _        | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |          | Ш        | $\dashv$ | _   | 4        | _                  | _        | L        |          | 106        |          |          | _        | L        |          | L          |          |          |           |
| <u> </u>     | 7        | О        | ₽        | ⊢        | ╀        | ╀        | +-       | +        | ╀        | ╀        | - | $\vdash$ | 57       |          |                                     |          | Н        |          | _   | -1       |                    | 4        | -        | _        | 107        |          |          | _        | _        | _        | L          | _        | L        | Ш         |
| F            | 9        | -        | -        | ⊢        | ╀        | ╀        | +        | +        | ┿        | ╁        | 1 | -        | 58       | -        |                                     | ·        |          | -        | 4   | -        | -                  | -        | ŀ        |          | 108        |          | L.,      |          | -        | L        | <b> </b> _ |          | _        | Ш         |
| $\vdash$     | 10       | ╀        | $\vdash$ | ┝        | ┼        | ╀╌       | ╁        | ╫        | ╁        | ╂        |   |          | 59<br>60 | Н        | Н                                   |          | $\vdash$ | $\dashv$ | -   | -1       | -                  | $\dashv$ | ŀ        | _        | 109        |          | Н        | _        | _        | <u> </u> | <u> </u>   |          |          | Н         |
| -            | 11       | ┥        | $\vdash$ | ├-       | ╁╾       | ╁        | +        | +        | ╁        | ╁        |   |          | 61       | Н        | $\vdash$                            |          |          | $\dashv$ | -   | +        | +                  | $\dashv$ | ŀ        | -        | 110        | Н        | Н        |          | H        | _        | H          | -        | -        | Н         |
| -            | 12       | ┥        | ┢        | ┝        | ╁        | ╁        | ╁        | +        | +        | +        |   |          | 62       | $\vdash$ | Н                                   | _        | Н        | $\dashv$ | -   | -        | $\dashv$           | $\dashv$ | +        |          | 112        | $\vdash$ | Н        | _        | $\vdash$ | $\vdash$ | ┝          | <u> </u> | H        | Н         |
| _            | 13       | $\vdash$ | ┢        | $\vdash$ | †        | 十一       | 1        | 1-       | ╁        | †        |   |          | 63       | Н        | -                                   |          | Н        | $\dashv$ | ┪   | ┪        | +                  | ┪        | ŀ        |          | 113        |          | Н        |          | $\vdash$ | _        | H          |          | H        | Н         |
|              | 14       | t        | 1        | Н        | t        | 1        | 1        | +        | +-       | ╁╴       |   |          | 64       | $\vdash$ | Н                                   | _        | Н        | -        | -   | ┪        | +                  | $\dashv$ | ŀ        |          | 114        | -        | Н        | _        | Н        |          |            |          | Н        | $\vdash$  |
|              | 15       | $\vdash$ | $\vdash$ |          |          | 1        | T        | 1        | 1        | T        |   |          | 65       | $\vdash$ | Н                                   | _        |          | 寸        | 1   | 十        | $\dashv$           | $\dashv$ | ŀ        | $\dashv$ | 115        |          | $\vdash$ |          | Н        | -        | -          | Н        | Н        | $\vdash$  |
|              | 16       | Г        | Г        | Г        | T        | Т        | 1        | $\top$   | †        | T        |   |          | 66       |          | Н                                   |          |          | $\dashv$ | 寸   | 7        | $\dashv$           | $\dashv$ | ŀ        |          | 116        | $\neg$   | $\vdash$ |          |          | -        | -          | Н        | Н        | Н         |
|              | 17       |          |          | Г        | Γ        | Г        | 1        | T        | Τ        |          |   |          | 67       |          |                                     |          | $\Box$   | コ        | 寸   | 7        | 十                  | 7        | t        | $\neg$   | 117        | $\neg$   | $\Box$   |          | Н        |          |            | Н        |          | Н         |
|              | 18       |          |          |          |          |          |          |          | $\Gamma$ |          |   |          | 68       |          |                                     |          |          | 7        | T   | $\dashv$ | $\dashv$           | ٦        | Ì        |          | 118        |          |          |          | Н        | _        | Н          |          |          | П         |
|              | 19       |          |          |          | L        |          |          | Г        | L        |          |   |          | 69       |          |                                     |          |          |          |   | T        | $\neg$             | ٦        | ı        | $\neg$   | 119        |          |          |          |          |          |            |          |          | П         |
| <u> </u>     | 20       |          | Ш        | L_       |          |          | L        | L        | oxdot    |          |   |          | 70       |          |                                     |          |          |          |   |          | $\Box$             |          |          |          | 120        |          |          |          |          |          |            |          |          | $\sqcap$  |
|              | 21       | Ш        |          |          | L        | 丄        | L        | <u> </u> | _        |          |   |          | 71       |          |                                     |          |          |          | $\Box$  |          | $oldsymbol{\perp}$ |          |          |          | 121        |          |          |          |          |          |            |          |          | П         |
|              | 22       |          | L        | _        | L        | _        | ┖        | ┸        | ┺        | L        |   |          | 72       | _        | _                                   | _        | _        | $\perp$  |   | $\perp$  |                    |          |          |          | 122        |          |          |          |          |          |            |          |          |           |
| <b> </b>     | 23       | Н        | L        | _        | <u> </u> | ļ.,      | ╄        | ↓_       | 1        | Щ        |   |          | 73       | _        | _                                   | _        | 4        | 4        | 4   | _        | _                  | _        |          |          | 123        |          | $\Box$   |          |          |          | П          |          |          |           |
| <u> </u>     | 24<br>25 | Н        | Н        | _        | L        | _        | -        | ╀        | ╀-       | Н        |   |          | 74       | _        | _                                   | _        | 4        | 4        | 4   | 4        | 4                  | 4        | L        |          | 124        | _        | _        |          |          | _        |            |          |          |           |
| <del> </del> | 25<br>26 | Н        | Н        | <u> </u> | ⊢        | ⊢        | ╀        | ╁╌       | ╀        | Н        |   |          | 75       | 4        | 4                                   | -        | 4        | -        | 4   | $\dashv$ | 4                  | 4        | -        |          | 125        | _        | _        | _        |          | _        |            |          | _        |           |
|              | 27       |          | Н        | -        | ⊢        | -        | ╀        | ╁        | ╁        | Н        |   |          | 76<br>77 | $\dashv$ | -                                   | ᅱ        | -        | -+       | 4   | $\dashv$ | +                  | -        | -        |          | 126        |          | 4        | _        | _        | _        |            | _        | 4        | $\dashv$  |
|              | 28       | Н        | Н        | _        | ⊢        | $\vdash$ | -        | -        | ╁╌       | Н        | 1 |          | 78       | -        | -                                   | -        | +        | +        | +   | +        | +                  | -        | ŀ        |          | 127<br>128 | -        | _        | -1       | 4        |          |            |          | _        | _         |
| _            | 29       | $\dashv$ |          | -        | $\vdash$ | $\vdash$ | 1-       | +-       | ╫        | Н        | H |          | 79       | $\dashv$ | -                                   |          | ╛        | -+       | -   | +        | +                  | $\dashv$ | H        | -        | 129        | -        | $\dashv$ | $\dashv$ |          | -        | $\dashv$   | -        | $\dashv$ | $\dashv$  |
|              | 30       | $\vdash$ |          |          |          | $\vdash$ | ┢        | $\vdash$ | ╁        | Н        | l | _        | 80       | -        | $\dashv$                            | $\dashv$ | +        | $\dashv$ | ┰   | ╅        | +                  | $\dashv$ | H        | $\dashv$ | 130        | -        | -+       | -+       | -        | -        | $\dashv$   | $\dashv$ | -        | $\dashv$  |
|              | 31       | $\vdash$ |          |          | Г        | Г        | 1        | T        | 1        | Н        | l |          | 81       | +        | 1                                   | -        | $\dashv$ | +        | ╅   | +        | +                  | ┥        | -        | $\neg$   | 131        | $\dashv$ | +        | ᅱ        | -        | ┪        | $\dashv$   | $\dashv$ | $\dashv$ | $\dashv$  |
|              | 32       |          |          |          |          |          | Г        | 1        | Т        |          | Ì |          | 82       | 7        | 7                                   | 丁        | $\neg$   | $\dashv$ | 1   | +        | 十                  | 7        | ۲        |          | 132        | -        | 7        | 1        | ┪        | ᅱ        | $\dashv$   | _        | 一        | $\dashv$  |
|              | 33       |          |          |          |          |          |          | Т        | Π        | П        | ı |          | 83       | 7        |                                     |          | $\dashv$ | 寸        | 十   | 7        | 1                  |          | T        | $\neg$   | 133        | 寸        | 7        | ᅥ        | 寸        | $\neg$   | _          | _        | $\dashv$ | ᅱ         |
|              | 34       |          |          |          |          |          |          |          |          |          |   |          | 84       |          |                                     | $\neg$   | $\neg$   |          |   |          | 1                  | 7        | T        |          | 134        | ┪        | 7        | $\neg$   |          |          | _          | 7        | ᅥ        | $\dashv$  |
|              | 35       |          |          |          | تــا     |          |          |          |          |          |   |          | 85       | $\Box$   | $\Box$                              |          |          |          | I   | I        | I                  |          | Γ        | $\neg$   | 135        | _1       | _1       | $\neg$   | $\neg$   | ┪        | $\dashv$   | 7        | $\dashv$ | $\dashv$  |
| $oxed{oxed}$ | 36       | _        |          |          | Ш        |          | Ĺ        | 1        |          | Ш        |   |          | 86       | $\Box$   | $\Box$                              | $\Box$   | $\Box$   | $\Box$   | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ | T        | $\Box$             |          |          |          | 136        | コ        |          |          | 丁        |          |            |          | ╛        | $\Box$    |
|              | 37       | _        | _        |          |          |          | L        |          | <u> </u> | Ш        |   | $\perp$  | 87       | $\bot$   | _[                                  | $\Box$   | $\Box$   | $\perp$  | $oldsymbol{\perp}$                                | $\perp$  | $oldsymbol{\perp}$ |          |          | П        | 137        |          |          |          |          |          |            | _1       | ╛        | $\exists$ |
|              | 38       | _        | ᅬ        | _        | Ш        |          | L        | ┖        | <b>L</b> | Ш        | L |          | 88       | $\perp$  | _                                   | $\Box$   | $\perp$  | $\perp$  |   | $\perp$  |                    |          |          | $\Box$   | 138        | $\Box$   | $\Box$   |          | J        |          |            |          | J        |           |
|              | 39       | _        | 4        | _        | Ш        | _        | <u> </u> | 1        | _        | Ш        | _ |          | 89       | _        | 4                                   | 4        | _        | 1        | 4   | 4        | 1                  | _        | L        | [        | 139        | $\bot$   | $\Box$   |          | $\Box$   |          |            | $\Box$   | $\Box$   |           |
|              | 40       | -        |          | _        | Щ        | _        | L        | ₽-       |          | Н        | ŀ |          | 90       | 4        | _                                   | 4        | 4        | 4        | 4   | 1        | 4                  | 4        | L        |          | 140        | _[       | $\perp$  | $\perp$  |          |          |            |          | $\Box$   |           |
|              | 41<br>42 | -1       |          | -        |          |          | ├        | ├        | -        | Н        | ŀ |          | 91       | 4        | 4                                   | 4        | 4        | 4        | 4   | $\perp$  |                    | _        | L        | $\dashv$ | 141        | _        | _        | 4        | _        | _[       | _[         |          | _        | ┙         |
|              | 43       | $\dashv$ | $\dashv$ | -        | $\dashv$ | -        | ⊢        | -        | -        | $\dashv$ | ŀ | - +      | 92<br>93 | -        | +                                   | +        | 4        | -        | +   | +        | +                  | $\dashv$ | +        |          | 142        | 4        | 4        | 4        | 4        | 4        | 4          | _        | <b>긔</b> | $\dashv$  |
| -            | 44       | -+       |          | $\dashv$ | $\dashv$ | -        | $\vdash$ | H        | H        | $\dashv$ | } |          | 93       | $\dashv$ | +                                   | +        | +        | +        | +   | +        | +                  | -        | $\vdash$ | -+       | 143        | 4        | 4        | 4        | -        | 4        | -1         | _        | 4        | $\dashv$  |
|              | 45       | -1       | -        | $\dashv$ | $\dashv$ | -        | -        | $\vdash$ | -        | $\dashv$ | H | +        | 95       | $\dashv$ | +                                   | +        | +        | +        | +   | ╁        | +                  | $\dashv$ | 1        | $\dashv$ | 145        | +        | +        | +        | $\dashv$ | 4        | -+         | 4        | +        | $\dashv$  |
| $\dashv$     | 46       | +        | -        | ٦        | $\dashv$ | ᅥ        |          |          | Н        | $\dashv$ | H |          | 96       | ╅        | +                                   | +        | $\dashv$ | +        | +   | ┿        | +                  | $\dashv$ | +        |          | 146        | $\dashv$ | +        | +        | +        | +        | -+         | +        | $\dashv$ | $\dashv$  |
| $\neg$       | 47       | 7        | 1        | $\dashv$ | -        | _        |          |          | Н        | ヿ        | ۲ | $\dashv$ | 97       | +        | $\dashv$                            | +        | +        | +        | +   | +        | ╅                  | 1        | 1        |          | 147        | +        | +        | +        | -        | +        | +          | +        | $\dashv$ | $\dashv$  |
|              | 48       | 7        | 7        | 1        | $\dashv$ | $\dashv$ |          | П        | П        | $\dashv$ | ŀ |          | 98       | -        | $\dashv$                            | 1        | +        | 1        | +   | +        | ╅                  | 1        | 1        |          | 148        | +        | +        | +        | $\dashv$ | +        | +          | ╅        | +        | $\dashv$  |
|              | 49       |          |          |          |          |          |          |          |          | ╗        | Γ |          | 99       | 十        | 十                                   | 7        | 7        | $\top$   | +   | 1        | $\top$             | 7        | ۲        |          | 149        | +        | +        | +        | $\dashv$ | +        | $\dashv$   | $\dashv$ | +        | $\dashv$  |
|              | 50       | $\Box$   |          |          |          |          |          |          |          |          | Γ |          | 100      |          |                                     | T        | _        | _        | _   | 丁        | _                  | 7        | F        |          | 150        | 7        | 1        | +        | +        | 7        | +          | +        | 十        | $\dashv$  |
|              |          |          |          |          |          | ,        | _        |          |          |          | _ |          |          |          |                                     |          |          |          |   |          |                    |          | Ц        |          | .551       | ᆣ        |          | 4        |          |          |            | _1_      |          | _         |